

FORM PTO-1449	SERIAL NO. 10/734,096	CASE NO. 11930-135
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE December 11, 2003	GROUP ART UNIT 1651
(use several sheets if necessary)		APPLICANT(S): Goldstein, Steven et al.

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE

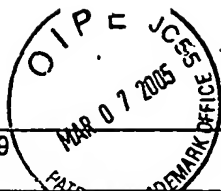
FOREIGN PATENT DOCUMENTS

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EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)</small>	
leb	B1	Campbell, D.G. et al., "Sterilization of HIV by Gamma Irradiation. A Bone Allograft Model," Int. Orthop, Vol. 18: No. 3, pp. 172-176, June 1994.
	B2	Cooper, D.E. et al., "Contaminated Patellar Tendon Grafts: Incidence of Positive Cultures and Efficacy of an Antibiotic Solution Soak – an In Vitro Study", Arthroscopy Vol. 7, No. 3, pp. 272-274, 1991.
	B3	Dichtelmuller, H. et al., "Validation of Virus Inactivation and Removal for the Manufacturing Procedure of Two Immunoglobulins and a 5% Serum Protein Solution Treated with Beta-Propiolactone", Biologicals, Vol. 21: No. 3, pp. 259-268. Sept 1993.
	B4	Erickson, G.A. et al., "Detection and Elimination of Adventitious Agents in Continuous Cell Lines", Dev Biol Stand, Vol. 70, pp. 59-66, 1989.

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leb	B5	Goertzen, M.J. et al., "Anterior Cruciate Ligament Reconstruction Using Cryopreserved Irradiated Bone-ACL-Bone-Allograft Transplants", Knee Surg Sports Traumatol Arthors, Vol. 4: No. 3, pp. 190, 1996.
	B6	Keller, K.M., "Action of Hydrogen Peroxide on Degradation of DNA After Irradiation in Escherichia Coli", Int J Radiat Biol Relat Stud Phys Chem Med, Vol. 31: No. 5, pp. 407-413, May 1977.
	B7	Lafferty, H.H. et al., "The Analysis of Decay Curves", Clin Sci Mol Med, Vol. 52: No. 1, pp. 97-101, Jan 1977.
	B8	Lee, S.F. et al., "Induction Of c-Jun Protooncogene Expression By Hydrogen Peroxide Through Hydroxyl Radical Generation and p60 ^{src} Tyrosine Kinase Activation", Free Radic Biol. Med. Vol. 21, No. 4, pp. 437-448, 1996.
	B9	Lindsey, M.E. et al., "Quantitation of Hydroxyl Radical During Fenton Oxidation Following a Single Addition of Iron and Peroxide", Chemosphere, Vol. 41, No. 3, pp. 409-417, Aug. 2000.
	B10	Liu, B. et al., "Mouse Antibody Response Following Repetitive Injections of Gamma-Irradiated Human Placenta Collagen", Chin Med Sci J. (China), Vol. 9: No. 2, pp. 100-103, June 1994.
	B11	Marks, P.H. et al., "Reconstruction of the Cruciate Ligaments with Allogeneic Transplants, Techniques, Results and Perspectives", Orthopade, Vol. 22: No. 6, pp. 386-391
leb	B12	Mello Filho, A.C. et al., "Cell Killing and DNA Damage by Hydrogen Peroxide are Mediated by Intracellular Iron", Biochem J, Vol. 218: No. 1, pp. 273-275, Feb 1984.
	B13	Mulford, D.J. et al., "Glutathione-S-Transferase-Mediated Methylthio Displacement and Turnover in the Metabolism of Pentachlorothioanisole by Rats", Xenobiotica, Vol. 21, No. 5, pp. 597-603, May, 1991.
	B14	Patchen, M.L. et al., "Glucan: Mechanisms Involved in its "Radioprotective" Effect", J. Leukocyte Biol, Vol. 42: No. 2, pp. 95-105, Aug 1987.
	B15	Price, C.C. et al., "The Thermal Decomposition of Dimsyl Ion in Dimethyl Sulfoxide", J. Org Chem, Vol. 34: No. 9, pp. 2503-2506, Sept 1969.
	B16	Repine, J.E. et al., "Hydrogen Peroxide Kills Staphylococcus Aureus by Reacting with Staphylococcal Iron to Form Hydroxyl Radical", J Biol Chem, Vol. 256: No. 14, pp. 7094-7096, July 1981.
	B17	Reszka, K.J. et al., Free Radical Reactions Photosensitized by the Human Lens Component, Hynurenine: an EPR and Spin Trapping Investigation", Free Radic. Biol. Med. Vol. 20, No. 1, pp. 23-24, 1996.
	B18	Rimbach, G. et al., "Liver and Colon Oxidant Status in Growing Rats Fed Increasing Levels of Dietary Iron", J. Trace Elem. Med. Biol. Vol. 11, No. 2, pp. 99-104, June 1997.
	B19	Schiller, J. et al., "Reactivity of Cartilage and Selected Carbohydrates with Hydroxyl Radicals: an NMR Study to Detect Degradation Products", Free Radic Res, Vol. 28: No. 2, pp. 215-228, Feb 1998.
	B20	Shen, B. et al., "Increased Resistance to Oxidative Stress in Transgenic Plants by Targeting Mannitol Biosynthesis to Chloroplasts", Plant Physiol., Vol. 113, No. 4, pp. 1177-1183, April 1997.

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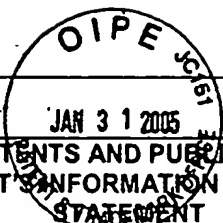
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leb	B21	Vasin, M.V., "Radioprotective Efficiency of Indraline With Local Gamma Radiation of the Skin", Radiats Biol Radioecol (Russian), Vol. 38: No. 1, pp. 42-54, Jan-Feb 1998.
	B22	"Virus Inactivation in Plasma Products", Current Studies in Hematology and Blood Transfusion, Vol. 56, pp. 1-158. NO YEAR
	B23	Weiss, H. et al., "Oxygen Depletion in Cells Irradiated at Ultra-High Dose-Rates and at Conventional Dose-Rates", Int J. Radiat Biol., Relat Stud Phys Chem Med, Vol. 26: No. 1, pp. 17-29, July 1974.
	B24	Willkommen, H. et al., "Theoretical Considerations on Viral Inactivation or Elimination", Dev Biol Stand, Vol. 81, pp. 109-116, 1993.
	B25	Zhang, L. et al., "Effect of a Combined Gamma Irradiation and Parylene Plasma Treatment on the Hydrolytic Degradation of Synthetic Biodegradable Sutures", J. Biomed Mater Res, Vol. 27: No. 11, pp. 1425-1441, Nov 1993.

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leb	A1	2,832,689	04/29/58	Proctor et al.		
	A2	3,808,113	04/30/74	Okamura et al.	204/159.12	7/71
	A3	4,179,338	12/18/79	Gordon		
	A4	4,456,589	06/26/84	Holman et al.	424/95	7/82
	A5	4,620,908	11/04/86	Van Duzer	204/157.68	6/84
	A6	4,798,611	01/17/89	Freeman, Jr.	623/66	10/86
	A7	4,890,457	01/02/90	McNally et al.	435/2	1/87
	A8	5,012,503	04/30/91	Nambu et al.	378/64	11/87
	A9	5,071,741	12/10/91	Brockbank	435/1	4/88
	A10	5,096,553	03/17/92	Ross et al.	204/157.15	2/90
	A11	5,110,722	05/05/92	Brockbank et al.	435/1	11/89
	A12	5,122,110	06/16/92	McNally et al.	600/36	1/90
	A13	5,131,850	07/21/92	Brockbank	435/1	11/89
	A14	5,145,769	09/08/92	McNally et al.	435/1	8/87
	A15	5,257,692	11/02/93	Heacox	206/210	7/91
	A16	5,283,034	02/01/94	Okrongly et al.	422/22	3/92
	A17	5,362,442	11/08/94	Kent	422/22	7/93
	A18	5,485,496	01/16/96	Lee et al.	378/64	9/94
	A19	5,609,866	03/11/97	Khan et al.	424/78.25	12/93
	A20	5,730,933	03/24/98	Peterson	422/22	4/96
	A21	5,989,498	11/23/99	Odland	422/22	10/96
	A22	6,171,549 B1	11/08/94	Kent	422/22	12/95
	A23	6,346,216 B1	02/12/02	Kent	422/22	5/00
✓	A24	6,365,338 B1	04/02/02	Bull et al.	435/1.1	4/99
	A25	2001/0000804	05/03/01	Goldstein et al.	623/23.72	12/00

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leb	A26	WO 93/11666 A1	06/24/93	PCT		Yes
	A27	WO 96/27287 A1	09/12/96	PCT		Yes
	A28	WO 99/60849 A1	12/02/99	PCT		
	A29	WO 02/32225 A2	04/25/02	PCT		Yes
	A30	WO 03/026704 A1	04/03/03	PCT		Yes
✓	A31	WO 03/092745 A1	11/13/03	PCT		Yes

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Wb	A32	Abok, K. et al., "Dimethylsulfoxide Increases the Survival and Lysosomal Stability of Mouse Peritoneal Macrophages Exposed to Low-LET Ionizing Radiation and/or Lonicron in Culture", Virchows Arch B Cell Pathol Incl Mol Pathology, Vol. 46: No. 4, pp. 307-320, 1984.
	A33	Angell, W.W. et al., "Long-Term Follow-Up of Viable Frozen Aortic Homografts A Viable Homograft Valve Bank", J. Thorac Cardiovasc. Surg, Vol. 93: No. 6, pp. 815-822, June 1987.
	A34	Antoku, S., "Chemical Protection of Bacteria and Cultured Mammalian Cells by Sulfur-Containing Compounds", J. Radiat Res (Tokyo), Vol. 16: No. 1, pp. 28-36, Mar 1975.
	A35	Antoku, S. et al., "Effect of Oxygen on Bacteria and Cultured Mammalian Cells Irradiated in the Frozen State", Int'l. J. Radiat. Biol. Relat. Stud. Phys. Chem. Med., Vol. 32: No. 2, pp. 145-152, August 1977.
	A36	Aparicio, S.R. et al., "Light and Electron Microscopy Studies on Homograft and Heterograft Heart Valves", J Path, Vol. 115, pp. 147-162, 1975.
	A37	Arroyo, C.M. et al., "ESR Study of Electron Transfer Reactions Between Gamma-Irradiated Pyrimidines, Adriamycin and Oxygen", Free Radic Bio Med, Vol. 9: No. 3, pp. 191-197, 1990.
	A38	Babbs, C.F. et al., "Colorimetric Assay for Methanesulfinic Acid in Biological Samples", Analytical Biochemistry Vol. 163, pp. 67-73, 1987.
	A39	Babbs, C.F. et al., "Detection and Quantitation of Hydroxyl Radical Using Dimethyl Sulfoxide as Molecular Probe, Methods in Enzymology, Vol. 186, pp. 137-147, 1990.
	A40	Babbs, C.F. et al., "Scatchard Analysis of Methane Sulfinic Acid Production From Dimethyl Sulfoxide: A Method To Quantify Hydroxyl Radical Formation In Physiologic Systems, Free Radical Biology & Medicine, Vol. 6, pp. 493-503, 1989.
	A41	Babbs, C.F., "Free Radicals and the Etiology of Colon Cancer", Free Radic. Biol Med, Vol. 8, No. 2, pp. 191-200, 1990.
	A42	Bailey, A.J., "Effect of Ionizing Radiation on Connective Tissue Components", Int Rev. Connect Tissue Res., Vol. 4, pp. 233-281, 1968.
	A43	Bakke, J.E. et al., "Isotope Dilution Assay for Urinary Methanesulfinic and Methanesulfonic Acids: Application to Detection of Methylthio Turnover", Biomed. Environ. Mass Spectrom, Vol. 18, No. 12, pp. 1096-1098, Dec. 1989.
	A44	Bartova, E. et al., "The Influence of the Cell Cycle, Differentiation and Irridiation on the Nuclear Location of the abl, bcr and cy-myc Genes in Human Leukemic Cells", Leuk Res, Vol. 24: No. 3, pp. 233-241, Mar 2000.
	A45	Beach, P.M. et al., "Aortic Valve Replacement with Frozen Irradiated Homografts. Long-Term Evaluation", Circulation, Vol. 45: No. 5, Suppl 1: pp. 29-35, May 1972.
	A46	Beach, P.M. et al., "Frozen Irradiated Aortic Valve Homografts: Long-Term Evaluation", NY State J. Med, Vol. 73: No. 5, pp. 651-654, Mar 1973.
	A47	Beamer, R.L., "Biochemical Interactions of Dimethyl Sulfoxide II Lactate Dehydrogenase-Catalyzed Reactions", J Pharm Sci, Vol. 62: No. 8, pp. 1384-1386, Aug 1973.
✓	A48	Bechtold, J.E. et al., "The Effects of Freeze-Drying and Ethylene Oxide Sterilization on the Mechanical Properties of Human Patellar Tendon", American Journal of Sports Medicine, Vol. 22: No. 4, pp. 562-566, 1994.

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Wb	A49	Bedford, J.S. et al., "Dose-Rate Effects in Synchronous Mammalian Cells in Culture", Radiat Res, Vol. 54: No. 2, pp. 316-327, May 1973.
	A50	Belkoff, S.M. et al., "Microstructurally Based Model Analysis of Gamma-Irradiated Tendon Allografts", J Orthop Res, Vol. 10: No. 3, pp. 461-464, May 1992.
	A51	Belov, A.A. et al., "The Effect of Gamma Irradiation on the Enzyme Activity of Collalitin Druing Storage", Radiobiologiia (USSR), Vol. 30: No. 4, pp. 519-521, Jul-Aug 1990.
	A52	Bender, E. et al., "The Inactivation of Mycoplasmas and Bacteria in Calf Serum by 60Co Gamma Rays" Arch Exp Veterinarmed, Vol. 43: No. 5, pp. 783-788, 1989.
	A53	Bender, E. et al., "The Use of 60Co-Gamma Ray-Sterilized Calf Serum in Cell Culture", Arch Exp Veterinarmed, Vol. 44: No. 3, pp. 481-488, 1990.
	A54	Bennett, C.B. et al., "DNA Damage and Biological Expression of Adenovirus: A Comparison of Liquid Versus Frozen Conditions of Exposure to Gamma Rays", Radiat Res, Vol. 120: No. 1, pp. 102-112, Oct 1989.
	A55	Bingci L. et al., "Mouse Antibody Response Following Repetitive Injections of Gamma-Irradiated Human Placenta Collagen" Chin Med Sci J, Vol. 9, No. 2, pp.100-103, 1994
	A56	Blanchy, B.G., "Immobilization of Factor XIII on Collagen Membranes", J. Biomed Mater Res, Vol. 20: No. 4, pp. 469-479, Apr 1986.
	A57	Blank, G. et al., "Comparison of Resistenace of Fungal Spores to Gamma and Electron Beam Radiation", Int J Food Microbiol, Vol. 26: No. 3, pp. 269-277, Aug 1995.
	A58	Blankevoort, L. et al., "Knee Joint Modeling: Parameters and Validity", Second World Congress of Biomechanics, July 10-15, 1994, Amsterdam, The Netherlands.
	A59	Bodnar, E. et al., "Long-Term Performance of Homograft and Autograft Valves", Artif Organs, Vol. 4: No. 1, pp. 20-23, Feb 1980.
	A60	Bodnar, E. et al., "Viable and Non-Viable Aortic Homografts in the Subcoronary Position: A Comparative Study", Ann Thorac Surg, Vol. 47: No. 6, pp. 799-805; discussion pp 804-805, June 1989.
	A61	Bogers, A.J.J.C. et al., "Long-Term Results of the Gamma-Irradiation-Preserved Homograft Monocusp for Transannular Reconstruction of the Right-Ventricular Outflow Trace in Tetralogy of Fallot", Thorac. Cardiovasc. Surgeon, Vol. 42, pp. 337-339, 1994.
	A62	Bohidar, H.B. et al., "Kinetics of Sol-Gel Transition in Thermoreversible Gelation of Gelatin", J. Chem. Phys. Vol. 98, No. 11, pp. 8970-8977, June 1993.
	A63	Bolin, S.R., "Methods for Detection and Frequency of Contamination of Fetal Calf Serum with Bovine Viral Diarrhea Virus and Antibodies Against Bovine Viral Diarrhea Virus", J Vet Diagn Invest, Vol. 3: No. 3, pp. 199-203, July 1991.
	A64	Bray, R.C. et al., "Reactions of Dimethylsulfoxide Reductase in the Presence of Dimethyl Sulfide and the Structure of the Dimethyl Sulfide-Modified Enzyme", Biochemistry, Vol. 40, No. 33, pp. 9810-9820, Aug. 21, 2001.
	A65	Bruck R. et al., "The Hydroxyl Radical Scavengers Dimethylsulfoxide and Dimethylthiourea protect Rats Against Thioacetamide-induced fulminant hepatic failure", J. Hepatol, Vol. 31, No. 1, pp. 27-38, Jul. 1999.

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les	A66	Bruck, R. et al., "Prevention of Hepatic Cirrhosis in Rats by Hydroxyl Radical Scavengers", J. Hepatol, Vol. 35, No. 4, pp. 457-464, Oct. 2001.
↓	A67	Butler, D.L. et al., "Effects of Gamma Irradiation on the Biomechanics of Patellar Tendon Allografts of the ACL in the Goat", 37 th Annual Meeting, Orthopaedic Research Society, March 4-7, 1991, Anaheim, CA.
	A68	Butler, D.L., et al., "Gamma Irradiation Effects on Allograft Mechanics", Symposium Biomechanics of Joints and Ligaments, Thursday July 14, Second World Congress of Biomechanics, Volume II., p. 89. NO YEAR
	A69	Buxton, George et al., "Critical Review of Rate Constants for Reactions of Hydrated Electrons, Hydrogen Atoms and Hydroxyl Radicals (OH/O) in Aqueous Solution", INCOMPLETE CITATION
leb	A70	Campalani, G. et al., "Aortic Valve Replacement with Frozen Irradiated Homografts. An 18-Year Experience", Eur J. Cardiothorac Surg., Vol. 3: No. 6, pp. 558-561, 1989.
	A71	Cederbaum, A.I. et al., "Oxidation of Isopropanol by Rat Liver Microsomes: Possible Role of Hydroxyl Radicals" Biochem Pharmacol, Vol. 30: No. 8, pp. 825-831, Apr 1981.
	A72	Cheung, D.T. et al., "The Effect of Gamma-Irradiation on Collagen Molecules, Isolated Alpha-Chains, and Crosslinked Native Fibers", Journal of Biomedical Materials Research, Vol. 24: No. 5, pp. 581-589, May 1990.
	A73	Chiu, S.M., et al., "Modification of DNA Damage in Transcriptionally Active vs. Bulk Chromatin", Int. J. Radiat Oncol. Biol. Phys. Vol. 12, No. 8, pp. 1529-1532, Aug. 1986.
	A74	Chu, C.C. et al., "The Effect of Gamma Irradiation on the Enzymatic Degradation of Polyglycolic Acid Absorbable Sutures", J. Biomed Mater Res, Vol. 17: No. 6, pp. 1029-1040, Nov 1983.
	A75	Chu, C.C. et al., "Kluver-Bucy Syndrome: Report of a Case with Nasopharyngeal Cancer after Irradiation and Chemotherapy", Chin Med J. (Taipei) 1994; 54: pp. 432-435.
	A76	Chu, C.C. et al., "Scanning Electron Microscopic Study of the Hydrolytic Degradation of Poly(glycolic acid) Suture", J. Biomed Mater Res, Vol. 16: No. 4, pp. 417-430, July 1982.
	A77	Cooper, A.J. et al., "Enzymatic Reactions of Methionine Sulfoximine. Conversion to the Corresponding Alpha-imino and Alpha-keto Acids and to Alpha-ketobutyrate and Methane Sulfinimide", J. Biol. Chem., Vol. 251, No. 21, pp. 6674-6682, Nov. 10, 1976.
	A78	Daragan, V.A. et al., "Specific Binding of Ethanol to Cholesterol in Organic Solvents" Biophys J, Vol. 79: No. 1, pp. 406-415, July 2000.
	A79	Davydov, R. et al., "An EPR Study to the Dinuclear Iron Site in the Soluble Methane Monooxygenase from Methylococcus Capsulatus (Bath) Reduced by One Electron at 77K: The Effects of Component Interactions and the Binding of Small Molecules to the Diiron(III) Center", Biochemistry, Vol. 38: No. 13, pp. 4188-4197, March 1999.
	A80	De Deyne, P. et al., "Some Effects of Gamma Irradiation on Patellar Tendon Allografts", Connect Tissue Res, Vol. 27: No. 1, pp.51-62, 1991.
✓	A81	deLara, C.M. et al., "The Effect of Dimethyl Sulfoxide on the Induction of DNA Double-Strand Breaks in V79-4 Mammalian Cells by Alpha Particles", Radiat Res. Vol. 144: No. 1, pp.43-49, Oct 1995.

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leb	A82	Dela Rosa, et al., "The Effect of Gamma-Radiation on Smoked Fish Using Short-Term Mutagenicity Assays", Mutat Res., Vol. 223, No. 3, pp. 303-307, July 1989.
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les	A98	Gerbode, Frank et al., "Proceedings of The First International Workshop on Tissue Valves", Annals of Surgery Vol. 172, Supplement, pp.1-24, July 1970.
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Wb	A166	Rauch, G. et al., "Biomechanical Study of the Tensile Strength of Lyophilized and Deep Frozen Human Achilles Tendons Following Gamma and Ethylene Oxide", Orthop thre Grenzgeb (Germany), Vol. 129: No. 5, pp. 393-399., Sept-Oct 1991.
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EXAMINER		DATE CONSIDERED	5/9/05
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	SERIAL NO. 10/734,096	CASE NO. 11930-135
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE December 11, 2003	GROUP ART UNIT 1651
(use several sheets if necessary)		APPLICANT(S): Steven Goldstein, et al.

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	
leb	A199	Vasin, M.V. et al., "Radiation Protective Efficacy of Alpha-Adrenomimetics During Local Gamma Irradiation of the Skin", Radiats Biol. Radioecol. (Russia), Vol. 39: Nos. 2-3, pp. 249-253, March-June 1999.
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	A202	Wardman, Peter, "Reduction Potentials of One-Electron Couples Involving Free Radicals in Aqueous Solution", Gray Laboratory of the Cancer Research Campaign, Mount Vernon Hospital, Northwood, Middlesex HA62RN, UK. NO YEAR
leb	A203	Watts, M.E. et al., "Fast Kinetics of the Oxygen Effect in Irradiated Mammalian Cells", Int J Radiat Biol Relat Stud Phys Chem Med, Vol. 32: No. 2, pp. 195-199, Feb 1978.
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	A206	Wright, K.A. et al., "Co-operative Studies in the Use of Ionizing Radiation for Sterilization and Preservation of Biological Tissues: Twenty Years' Experience", IAEA-PL-333/12 pp. 107-121. NO YEAR
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↓	A209	Yoshimura, T. et al., "Electron Spin Resonance Studies of Free Radicals in Gamma-Irradiated Golden Hamster Embryo Cells: Radical Formation at 77 and 295 K, and Radioprotective Effects of Vitamin C at 295 K", Radiat Res, Vol. 136, No. 3, pp. 361-365, Dec. 1993.

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leb	5/9/05

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